

IN THE CLAIMS:

1. (currently amended) A Pitot-Static tube assembly comprising:
three groups of orifices for determining the total pressure, static pressure and ~~angel~~ angle
of attack; a strut, an axially symmetric body on the strut; and a plate upstream of the strut;
pneumatic paths arranged between the body and the strut; electric heating elements in the
body, wherein the orifices for measuring the static pressure are ~~arrange~~ arranged on the
plate.
2. (previously presented) A Pitot-Static tube according to Claim 1, in
which the orifices for determining the angle of attack are arranged on the strut.
3. (previously presented) A Pitot-Static tube according to Claim 1, in
which the axially symmetric body terminates and mates smoothly with the strut in a
region of its maximum thickness.
4. (previously presented) A Pitot-Static tube according to Claim 1, in
which the plate with the orifices for measuring static pressure is constructed separately
from the axially symmetric body with the strut.
5. (previously presented) A Pitot-Static tube according to Claim 1, in
which the strut has cross sections having a supersonic aerodynamic profile with a
sharpened leading edge.
6. (previously presented) A Pitot-Static tube according to Claim 1, in
which the strut has cross sections having dynamic profile with a rounded nose.
7. (previously presented) A Pitot-Static tube according to Claim 1, in
which an external surface of the strut is a cylindrical surface.
8. (previously presented) A Pitot-Static tube according to Claim 1, in
which the orifices for measuring the angle of attack on the strut are arranged from a nose
of the strut up to the maximum thickness of the aerodynamic profile.
9. (previously presented) A Pitot-Static tube according to Claim 1, in
which the electric heating elements inside the strut are offset towards a nose of the strut.
10. (currently amended) A Pitot-Static tube according to Claim 1, in
which the orifices for determining the angle of attack on the strut are disposed ~~above the~~
above the axially symmetric body in relation to the base of the strut.

11. (previously presented) A Pitot-Static tube according to Claim 1, in which the strut comprises an exit section and at least one additional orifice on the exit section for tapping the static pressure.